



Overview

Banknote Disinfection Cabinets – TDD-BDC-50L



TDD-BDC banknote disinfection cabinets are designed for banknotes, plastic / metal coins, certificates, documents, work clothes & other items sterilization, filling the blank at both home and abroad, and can effectively kill 99% of germs, bacteria, organisms, fungi and protozoa tainted on the banknotes such as Influenza (Flu), Staph, E. coli, RSV, Salmonella, Kleb & other common germs with high sterilizing rate reaching the national and international disinfection and sterilization standards. The cabinet is equipped with ultraviolet (UV), ozone & hot air circulation sterilization with GB4706.1-2005 for sterilizing by 253.7nm UV-C direct rays for bacteria and UV-C photon power for destroying DNA and RNA in microbial collective cells to undergo fission or photochemical polymerization for losing its fertility and viability. In terms of safety protection, it is equipped with stainless plates, timers, fuses & temperature controller to ensure safe operation under medium and low temperature (<60°C) conditions. It can be widely applied to the disinfection of banknotes received by banks, post and telecommunications, railway stations, subway stations, bus stations, airports, stores, hotels and restaurants as well as to the banknote treatment of customs, hospitals, areas of infectious diseases and epidemic victims, thereby being beneficial to the prevention of pestilence and to the health of people.

Features

- **360° Ozone Disinfection**

360° detoxification coverage for thoroughly clearance of all cashes and documents.

- **UV Sterilization**

The disinfection system is equipped with 1 UV lamp, which can destroy bacteria's DNA structure within short time.

- **Safe & Reliable**

Foamed cabinets and fully sealed stainless steel doors to create physical conditions for thermal insulation and sealing.

- **Safety Protection with Hot Air Circulation Device**

Equipped with timers, fuses, and temperature controller to ensure safe operation under low temperature (<60°C). With safety switch on the cabinet door ensures the UV light & ozone generator automatically turns off, when the cabinet is opened to prevent the user from being exposed to UV light & ozone.

- **High-Efficiency**

The disinfection is in high efficiency, reduces bacteria on the surface of cashes to 99.99%.

- **Longer Time**

There will be enough time (0-60min) for full sterilization.

- **Customization**

Except the current 38L/60L/80L, we can make customized design on bigger volume base on actual demand.

Disinfection Process

- Step 1:** Power on the disinfection cabinet. **Step 2:** Placing the sterilizing cashes in the sterilizing layer. **Step 3:** Open the UV lamp tubes.
Step 4: Start disinfection process. **Step 5:** Waiting for at least 30 minutes. **Step 6:** Finish disinfection, the cabinet sends out a signal.
Step 7: Open the door to take cashes out at 20 minutes after finished disinfection.

Specifications

Model	TDD-BDC-50L
Material / Color	Stainless steel / Stainless steel
Product Size	420mm x 365mm x 520mm
Capacity	50L
Internal Tray Qty / Load	2 / 5kg
Power Supply	110-250 VAC
Box Size	465mm x 425mm x 628mm
G.W / N.W	10kg / 8.4kg
Disinfection Method	Ultraviolet (UV), ozone & hot air circulation

Remark: With mechanical timing button. * TDD (www.tddtec.com, sales@tddtec.com) reserves the right to change specifications without prior notice.